



SPECPRO 1.05

SPECIFICATION PROPOSAL

03-23-1999

TRUCK SERVICE, INC.
7 CRISTO LANE
MILLBURY MA 01527
508-799-7629

COLONY TRUCK CENTER
7 JEFFERSON BLVD
WARWICK RI 02888
401-467-3800

PREPARED FOR: JAY HOWARD

PREPARED BY: DAVID LEE
Quote ID: AT12220

----- SPECIFICATIONS ----- WEIGHTS-(+)
FRONT REAR

MODEL

AT9500 CHASSIS	7739	6238
SET-BACK AXLE TRACTOR PACKAGE		
STEERING LOCATION: LEFT-HAND		

GENERAL SERVICE

TRACTOR/TRAILER CONFIGURATION	
LINEHAUL/LONG HAUL SERVICE	
TANK TRAILER	
SINGLE (1) TRAILER	
GENERAL FREIGHT COMMODITY	
100% ON HIGHWAY/CITY TERRAIN	
SMOOTH CONCRETE OR ASPHALT ROAD SURFACE	
MAXIMUM 8% EXPECTED GRADE	
DOMICILED, USA 49 STATES	
EXP FRT AXLE LOAD.....	12000 LBS
EXP REAR AXLE LOAD.....	40000 LBS
MAXIMUM EXP GCW.....	80000 LBS

TRACTOR SERVICE

TRAILER FRONT TO KP.....	36	IN
TRAILER CRNR RADIUS.....	0	IN
TRAILER WIDTH (IN).....	102	IN
TRAILER SWING LIMIT.....	0	IN
MAX EXP DIP ANGLE.....	4	DEG
LANDING GEAR CLEAR.....	96	IN

ENGINE

CAT C-12 380/410 HP @ 1800 RPM MT.....	89
1450/1550 LB/FT @ 1200 RPM 98 EPA/CARB	

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SPECIFICATIONS ----- WEIGHTS-(+)
FRONT REAR

ELECTRONIC ENGINE CONTROL

ROAD SPEED LIMIT..... 65 MPH

ENGINE EQUIPMENT

OIL CHECK & FILL: OIL FILL & DIPSTICK . FOR ENHANCED SERVICEABILITY	1	
AIR INTAKE: DUAL THROUGH LH & RH SIDES OF HOOD W/FIREWALL MTD DON AIR CLEANER		
ALTERNATOR: 100 AMP DELCO 22-SI	-8	
BATTERIES: (3) 12V ALLIANCE G31 1965CCA W/STUD POSTS		
BATTERY BOX: STEEL FRAME MTD RH UNDER . CAB W/LONG SIDE TO RAIL		
JUMP START PROVISION: POSITIVE & NEGATIVE POSTS		
CLUTCH: EATON SPICER SOLO 15 1/2"7-SPG ADJ-FREE SOFT-RATE 1650 MAX TORQUE		
CLUTCH RELEASE BEARING: ZERK EXTENSION HOSE		
COMPRESSOR: BENDIX 13.2 CFM SERIES 550		
ENGINE PROTECTION: ELECTRONIC ENGINE- . INTEGRAL WARNING SYSTEM & DERATE		
ENGINE BRAKE: JACOBS COMPRESSION	65	
BRAKE		
EXHAUST: SINGLE RH HORIZ MUFFLER FRAME MTD VERT TAIL PIPE OVER FRAME ROUTING	68	17
EXHAUST PIPING: TURN OUT STACK HORIZ ..	2	
MUFFLER, VERT T/P, RH FRM MTD, OVER FRAME		
UPPER STACK: CHROMING	2	
MUFFLER SHIELD: STAINLESS STEEL	9	1
FAN DRIVE: KYSOR K22RA ON/OFF REAR AIR ENGINE		
FUEL FILTER: SPIN ON		
FULL FLOW OIL FILTER		
RADIATOR: 1050 SQ IN COPPER/BRASS		
HEAVY DUTY COOLANT: ETHYLENE GLYCOL PRE CHARGED SCA TO -30F		
COOLANT HOSE: SILICONE PACKAGE		

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WEIGHTS-(+)
FRONT REAR

CONSTANT TORQUE CLAMPS: CONSTANT TORQUE
FOR-COOLANT HOSE 1" INSIDE DIA & LARGER
RADIATOR DRAINCOCK
ENGINE HEATER: PHILLIPS 1500 WATT/110- 2
120 VOLT
STARTER: DELCO-REMY 42 MT 12V 400SERIES
ENGINE SUPPORTS: FOCAL TYPE FRONT
ENGINE MOUNTS

TRANSMISSION & EQUIPMENT

TRANSMISSION: FULLER FRO15210C 10SPD 17 4
FLYWHEEL HOUSING: ALUMINUM
CLUTCH HOUSING: CAST IRON ✓
FILL/DRAIN PLUG: MAGNETIC PLUGS, ENGINE
DRAIN, TRANSMISSION DRAIN, AXLE(S) DRAIN
SHIFT LEVER: PAINTED W/SOLID LINKAGE ..
TRANSMISSION OIL COOLER: TRANSMISSION .
MOUNTED AIR TO OIL W/TRANS OIL PUMP

FRONT AXLE & SUSPENSION

FRONT AXLE: SIFCO STEEL @ 12000#
FRONT BRAKES: MERITOR CAM 15X4 Q-PLUS .
FRONT BRAKE LININGS: NON-ASBESTOS
FRONT BRAKE DUST SHIELDS 6
FRONT AUTO SLACK ADJUSTERS: GUNITE
FRONT BRAKE DRUMS: OUTBOARD MOUNTD CAST
IRON
FRONT OIL SEALS: CHICAGO RAWHIDE (SCOT) *L. Sterling*
GARLOCK KING PIN BUSHINGS
POWER STEERING: TRW TAS65
FRONT SUSP: TAPER LEAF @ 12000#
54" SPREAD
FRONT SHOCK ABSORBERS
SPRING PIN BUSHINGS: BRONZE

REAR AXLE & SUSPENSION

REAR AXLE: DANA SPICER DS404 40000# +4
4.33 REAR AXLE RATIO

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SPECIFICATIONS -----	WEIGHTS-(+)	
	FRONT	REAR
MAIN DRIVELINE: SPICER 1810HD HALF ROUN	15	15
YOKE		
I/A DRIVELINE: SPICER 1710 HALF ROUND		
YOKE		
TRAC-TECH (NO SPIN) DIFFERENTIAL: ALL		70
REAR DRIVE AXLES		
INTERAXLE &/OR DIFFERENTIAL LOCKOUT: ...		
W/INDICATOR LIGHT		
REAR AXLE CARRIER HOUSING: IRON		
LUBRICATION: MOBIL SYNTHETIC 50W TRANS/		
75W-90 ALL AXLES		
REAR BRAKES: MERITOR CAM 16.5X7 Q+		
BRAKE CAMSHAFT SUPPORT BRACKETS		
REAR BRAKE LININGS: NON-ASBESTOS		
REAR BRAKE DRUMS: OUTBOARD MOUNTED CAST		
IRON		
REAR BRAKE DUST SHIELDS		12
REAR AXLE OIL SEALS: CHICAGO RAWHIDE		
PARKING BRAKE CHAMBERS: MIDLAND TAMPER		
PROOF ONE AXLE		
REAR AUTO SLACK ADJUSTERS: GUNITE		
REAR SUSP: 46000# AIRLINER W/CHAIN		174
CLEARANCE		
REAR AXLE SPACING: 55"		
AIR SUSP DUMP VALVE: MANUAL W/		
INDICATOR LIGHT, W/ GAUGE		
SUSPENSION CROSSMEMBER: HEAVY DUTY		
CENTER C-CHANNEL		
SUSP CROSSMEMBER: STANDARD		
REAR SUSP CONTROL RODS: TRANSVERSE		
REAR SHOCK ABSORBERS: TWO AXLES		

BRAKE SYSTEM EQUIPMENT

ANTI-LOCK BRAKING SYSTEM: BENDIX 4		
SENSOR/4 MODULATOR		
CHASSIS AIR LINES: REINFORCED NYLON		
BRAKE VALVES: STANDARD		
REAR SERVICE BRAKE VALVE: BP-R1		
AIR DRYER: BENDIX AD-9 WITH HEATER	22	5
AIR RESERVOIRS: STEEL		

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**SPECIFICATIONS ----- WEIGHTS-(+)
FRONT REAR**

AIR TANK DRAIN VALVES: CABLES ALL TANKS

TRAILER CONNECTIONS

TRAILER AIR HOSE: 12' COILED	1
TRAILER AIR HOSE SUPPORT: BOC MOUNTED .	
BRACKET W/SPRING TYPE AIR HOSE HANGER	
TRAILER CABLE & GLADHAND STORAGE: DUMMY	
GLADHAND & LIGHT PLUG HOLDER	
PRIMARY RECEPTACLE: SAE J560 7-WAY REC	
BRACKET MTD LOWER LH BOC	
WIRING FOR TRAILER RECEPTACLE: PRIMARY	
RECEPTACLE CENTER PIN POWERED THRU IGN	
TRAILER LIGHT CABLE: 12' 7-WAY DETACH .	
ABLE STRAIGHT W/SAE J560 CONNECTOR	

FRAME & WHEELBASE

184"/4675MM WHEELBASE		
FRAME: 3/8" X 3-3/16" X 10-1/4" STEEL	400	70
FRAME SM: 15.90CU IN SM, 1,908,000LB/IN		
RBM 120000PSI YS 3/8" STEEL		
FRAME OVERHANG: 60"		
END FRAME: CUT TAPERED END OF FRAME ...		
FRONT CROSSMEMBER: FRONT CLOSING		
ENGINE CROSSMEMBER: STANDARD		
MIDSHIP CROSSMEMBER STANDARD		
REARMOST CROSSMEMBER: STANDARD		

CHASSIS EQUIPMENT

BACK OF CAB ACCESS: LEFT SIDE	
DECK PLATE: 18"/ 457 MM TOP OF RAIL ...	
OPEN-GRATE	
BUMPER: AERODYNAMIC, PAINTED	
REAR MUD FLAP BRACKETS: BETTS B-25	
PAINTED	
REAR MUD FLAPS: OMIT	-14
FRONT MUD FLAPS: FENDER-MOUNTED	5
CHASSIS FASTENERS: HUCKSPIN ROUND	
COLLAR	

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SPECIFICATIONS ----- WEIGHTS-(+)
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FIFTH WHEEL & EQUIPMENT

5TH WHEEL: HOLLAND FLEETMASTER FW8	483	
24.5" MANUAL SLIDE		
MIN. DESIRED UNLADEN HEIGHT:.....	46.00	IN
MAX. DESIRED UNLADEN HEIGHT:.....	48.00	IN
LEG HEIGHT: 8.62" (219 MM)		
5TH WHEEL LOCATION: 24.5" AHEAD OF REAR SUSPENSION CENTERLINE		

FUEL TANKS & EQUIPMENT

RH FUEL TANK: NONE
 LH FUEL TANK: 100 GALLON/378 LITER CYL - 120
 ALUMINUM
 FUEL TANK DIAMETER: 24"
 FUEL TANK & BAND FINISH: PLAIN ALUMINUM
 /PAINTED STEEL FUEL TANK W/PNTD BANDS
 FUEL TANK LOCATION: FORWARD
 FUEL SYSTEM: (SINGLE SUCTION & RETURN ..
 FUEL HOSE: BRAIDED WIRE REINFORCED
 FUEL COOLER: BEHR
 FUEL TANK BRACKET MATERIAL: STEEL

FRONT TIRES, HUBS, & WHEELS

MICHELIN XZA2.....275/80R 22.5 16 PLY
 FRONT HUBS: CONMET ALUMINUM
 FRONT WHEELS: 22.5 X 8.25 ACC 28487E ..
 STEEL 10-HUB PILOT WHITE 5-HAND
 FRONT WHEEL NUTS: METFORM 39702 33MM ..
 1.30" H-P

REAR DRIVE TIRES, HUBS, & WHEELS

MICHELIN XDA.....275/80R 22.5 16 PLY
 REAR HUBS: CONMET ALUMINUM
 REAR WHEELS: 22.5 X 8.25 ACC 28487PW ..
 STEEL 10-HUB PILOT WHITE 5-HAND
 REAR WHEEL NUTS: METFORM 39702 33MM/ ..
 1.30" H-P

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SPECIFICATIONS ----- WEIGHTS-(+)
FRONT REAR

CAB EXTERIOR

CAB: 122" BBC CONVENTIONAL ALUMINUM ...	-107	-47
CAB MOUNTS: AIR	11	6
GRAB HANDLES: LH/RH EXTERIOR		
GRILLE: PAINTED PLASTIC HOOD MOUNTED ..		
HOOD: FIBERGLASS		
AIR HORN: DUAL HADLEY RECTANGULAR W/ ..?		3
DUAL BASE		
ELECTRIC HORN: SINGLE		
HORN SHIELD: DUAL		
HEADLIGHTS: SINGLE AERO HALOGEN		
MARKER LIGHTS: AERODYNAMIC, SMALL		
STOP/TAIL/TURN LIGHTS: GROTE FLUSH MTD		
INSIDE FRAME RAIL		
TURN SIGNAL: FRONT LAMPS		
UTILITY LIGHT: (1) TRUCK-LITE 20 MTD ..		
BACK OF CAB/SLEEPER		
PRIMARY MIRRORS: DUAL UNPAINTED AERO, .	8	1
HTD W/INTEGRAL CONVEX, LH/RH REMOTE		
DOOR MOUNTING OF MIRRORS		
TRAILER/BODY WIDTH: 102" FOR MIRRORS ..		
EXTERIOR VISOR: FIBERGLASS	11	2
REAR WINDOW: (2) 15" X 26" TINTED		
DOOR WINDOWS: TINTED W/OPERATING DOOR .		
WING WINDOW		
WINDOW REGULATORS: MANUAL ? Power		
WINDSHIELD: TINTED		
WINDSHIELD WASHER RESERVOIR: 8 LITER ..		

CAB INTERIOR

INTERIOR: PRESTIGE MEDIUM GRAPHITE
 LH UPPER DOOR TRIM: MOLDED DOOR PANEL .
 WITH UPPER CLOTH INSERT
 RH UPPER DOOR TRIM: MOLDED DOOR PANEL .
 WITH UPPER CLOTH INSERT
 FLOOR MATS: MEDIUM DARK GRAPHITE VINYL
 MATS W/SINGLE INSULATION
 CONSOLE MOUNTED ASH TRAY AND DASH
 MOUNTED LIGHTER



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----- SPECIFICATIONS -----	WEIGHTS-(+)	
	FRONT	REAR
COAT HOOK		
OVERHEAD CONSOLE: FORWARD ROOF MOUNTED	5	
STORAGE POCKETS: MAP POCKETS BOTH DOORS		
FLOOR MOUNTED STORAGE: CENTER STORAGE,	9	1
CONSOLE, BELOW DASH W/ (2) CUP HOLDERS		
HEATER AND DEFROSTER: W/AIR CONDITIONER	54	
WITH RECIRCULATION SWITCH		
HEATER PLUMBING: STANDARD W/ SHUT-OFF .		
VALVES		
A/C COMPRESSOR: SANDEN COMPACT		
A/C CONDENSOR: RADIATOR MOUNTED		
A/C PLUMBING: BINARY CONTROL R-134A ...		
REFRIGERANT		
ELECTRICAL: CIRCUIT FUSES		
WIRING SCHEMATIC CARD: NONE, 12V NEG ..		
GROUND SYSTEM		
INTERIOR LIGHTS: CENTER MOUNTED DOME &		
DOOR COURTESY LIGHTS IN KICK PANELS		
DOOR LATCH: W/MANUAL LOCKS		
DRIVER SEAT: NATIONAL CUSH-N-AIRE II ..	5	2
HI-BACK AIR SUSP W/ACTIVE AIR LUMBAR SP		
PASS SEAT: NATIONAL HIGH-BACK	35	16
NON-SUSPENDED		
ARM REST: DUAL, DRIVER SEAT ONLY	4	1
DRIVER SEAT COVER: POLYKNIT VINYL WITH		
POLYKNIT VINYL INSERT		
PASS SEAT COVER: POLYKNIT VINYL W/POLY-		
KNIT VINYL INSERT		
SEAT BELT: 3 POINT ADJUSTABLE D-RING ..		
DRIVER		
STEERING COLUMN: ADJUSTABLE TILT ONLY .	2	
STEERING WHEEL: 18" TWO-SPOKE BLACK ...		
INTERIOR SUN VISORS: DRIVER/PASS		

INSTRUMENT PANELS & CONTROLS

GAUGE PACKAGE: STERLING OPT ROUND GAUGE
INSTRUMENT PKG, STANDARD CALIBRATION
INSTRUMENT CLUSTER: GRAY W/ROUND GAUGES
CENTER PANEL: GRAY W/ STYLED GAUGE
INSERT



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----- SPECIFICATIONS -----		WEIGHTS-(+)	
		FRONT	REAR
LOW AIR PRESSURE WARNING: LIGHT AND ... BUZZER			
AIR RESTRICTION INDICATOR: MTD ON DASH			
AIR SYSTEM GAUGE: DUAL NEEDLE PRIMARY & SECONDARY AIR PRESSURE GAUGE			
CRUISE CONTROL: SWITCHES IN STEERING .. WHEEL SPOKES			
STARTER CONTROL: STARTER W/PUSH BUTTON			
MESSAGE CENTER: WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED			
FUEL GAUGE: ELECTRIC			
WATER TEMPERATURE GAUGE: ELECTRIC			
ENGINE OIL TEMPERATURE GAUGE	2		
TRANSMISSION HEAT IND: OIL TEMP GAUGE .	2		
ENGINE HOUR METER: HOBBS, INTEGRAL W/ .	1		
TACHOMETER, OIL PRESSURE ACTIVATED			
OIL PRESSURE GAUGE: MECHANICAL			
PYROMETER: SMALL FACE W/ (1) SENSOR ...	1		
RADIO: STERLING AM/FM STEREO	9		1
RADIO SPEAKERS: (2) CAB			
CB RADIO PROVISION: DASH MTD POWER & ..			
GROUND TERMINALS FOR C/F CB RADIO			
CB ANTENNA: CB ANTENNA BRACKET & LH ...			
MIRROR MOUNTED			
SPEEDOMETER: AMETEK ELECTRONIC WITH ...			
ODOMETER (MPH)			
ADDITIONAL SWITCHES: (2) IN DASH			
TACHOMETER: ELECTRONIC 3500 RPM			
TRACTOR PROTECTION VALVE: BW			
HAND CONTROL VALVE: TRAILER BRAKE			
VOLTMETER:			
WINDSHIELD WIPER CONTROL: ELECTRIC WITH DELAY			
PARKING BRAKE SYSTEM: 2-VALVE SYSTEM W/ WARNING INDICATOR			
TURN SIGNAL SWITCH: SIGNAL-STAT NON- ..			
CANCELLING			
TURN SIGNAL FLASHER: HEAVY DUTY			

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----- SPECIFICATIONS ----- WEIGHTS-(+)
FRONT REAR

PAINT

ONE SOLID COLOR DESIGN.....
CAB COLOR A: URÉTHANE N0006 WHITE.....
CHASSIS COLOR: BLACK: HIGH SOLIDS
POLYURETHANE
FRONT WHEEL COLOR: VENDOR WHITE.....
REAR WHEEL COLOR: VENDOR WHITE.....

SUBTOTAL BASE MODEL AND OPTIONS

8490 7054

TOTAL VEHICLE SUMMARY

FRONT WEIGHT TOTAL 8490 lbs
REAR WEIGHT TOTAL 7054 lbs

TOTAL WEIGHT 15544 lbs

+) WEIGHTS SHOWN ARE ESTIMATES ONLY. IF WEIGHT IS CRITICAL,
CONTACT SALES APPLICATION ENGINEERING.

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